

METHODS AND APPARATUS FOR WASHING GAS TURBINE ENGINES

ABSTRACT OF THE DISCLOSURE

A gas turbine engine wash process that facilitates reducing a formation of particulate matter within a gas turbine engine is described. The engine wash process includes injecting a first liquid into the engine to remove particulate matter formed within the engine and adversely affecting engine operation and performance.

- 5 A second liquid is then injected into the engine to facilitate reducing a rate of formation of particulate matter within the gas turbine engine as the engine is operated in the future. More specifically, the second liquid is an anti-static liquid that coats compressor blades within the gas turbine engine.